

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033016\
 Data File : BG021576.D
 Acq On : 30 Mar 2016 11:34
 Operator : UM/SJ
 Sample : H1910-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

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 3/31/2016 1:23:42 PM

Quant Time: Mar 31 11:38:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 01:28:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10467	20.00	ng/ul	0.02
18) Naphthalene-d8	10.88	136	42496	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.67	164	26630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	67686	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	81606	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	77956	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.36	99	5283m	5.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	14312	24.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	14665	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	8474	10.00	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	9832	30.84	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	10928	29.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	17953	27.56	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	67180	30.30	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	84336	30.86	ng/ul	0.00
52) 4-Nitrophenol-d4	15.11	143	1437	4.05	ng/ul	0.02
58) Fluorene-d10	15.65	176	62027	31.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11767	26.31	ng/ul	0.00
71) Anthracene-d10	17.51	188	103811	31.30	ng/ul	0.00
79) Pyrene-d10	19.78	212	124078	32.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	124895	34.71	ng/ul	0.00

Target Compounds						Qvalue
20) Nitrobenzene	9.27	77	5753	6.39	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	43214	46.36	ng/ul	91
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	175498	185.18	ng/uL	92
74) Pentachlorobenzene	14.98	250	5773	5.87	ng/uL	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

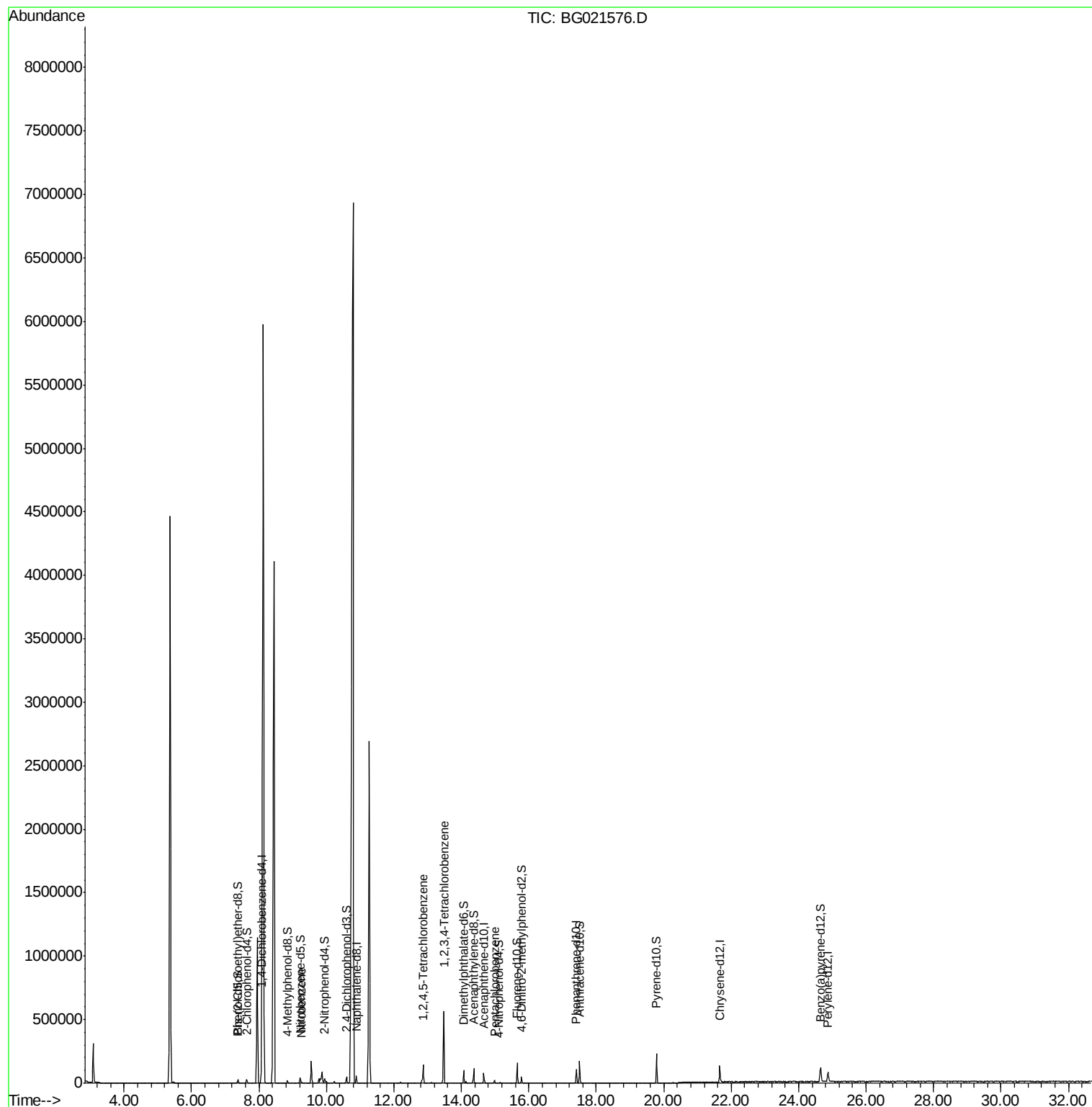
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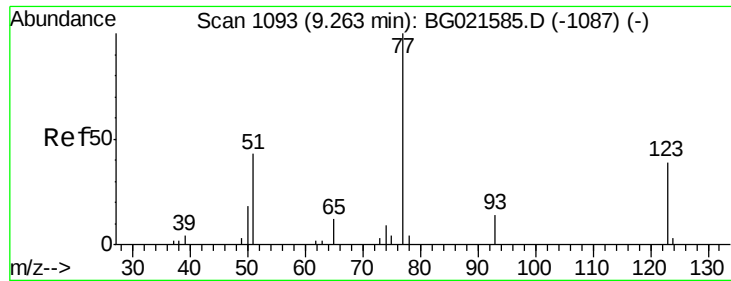
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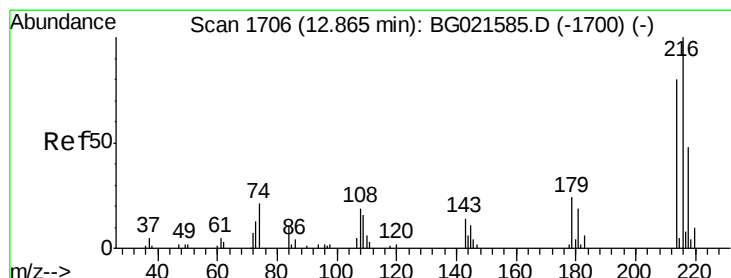
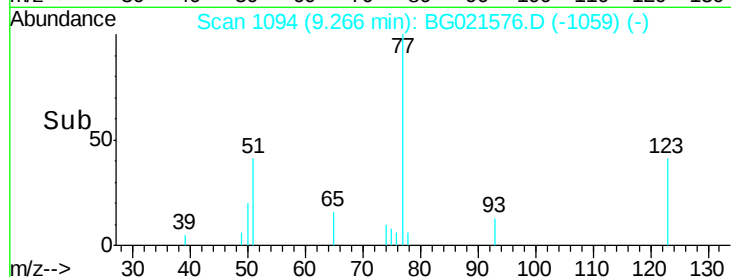
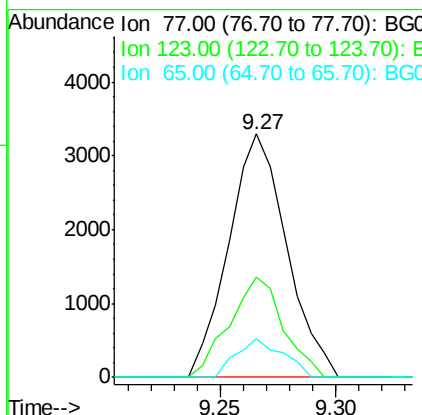
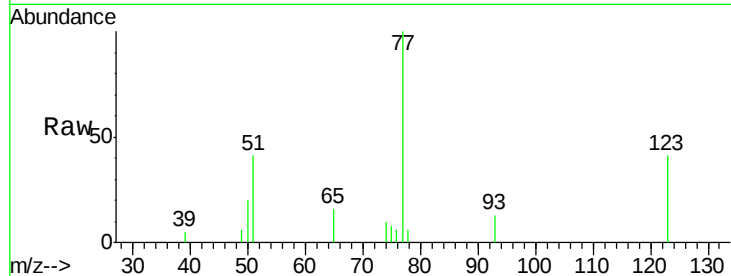
#20
Nitrobenzene
Concen: 6.39 ng/ul
RT: 9.27 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BG021576.D
Acq: 30 Mar 2016 11:34

Instrument :
BNA_G
ClientSampleId :
C0AD2

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	28.4	42.6
65	15.7	11.0	16.6

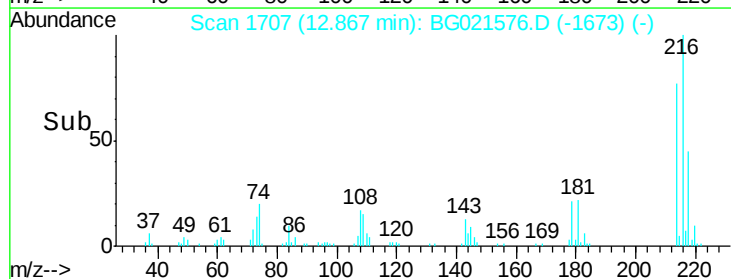
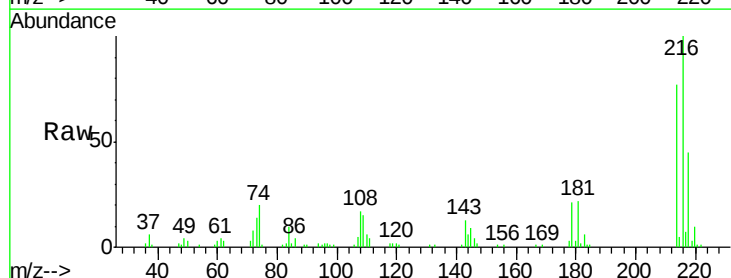
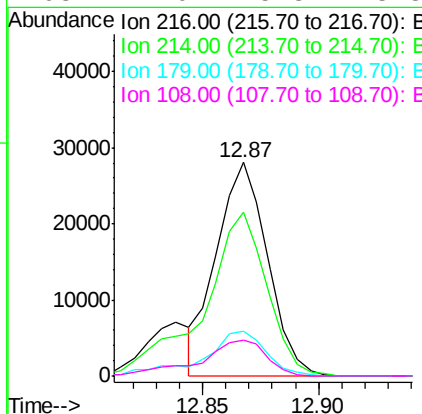
Manual Integrations
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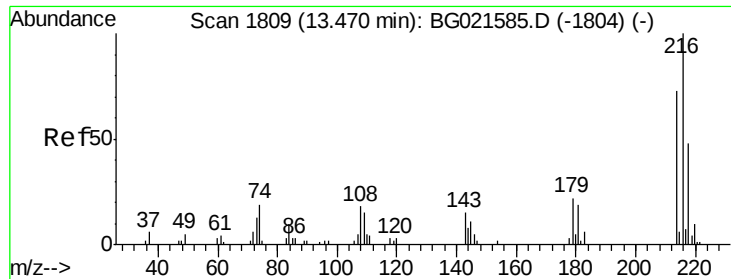
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 46.36 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG021576.D
Acq: 30 Mar 2016 11:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.6	57.8	86.8
179	21.1	19.5	29.3
108	17.0	15.8	23.8





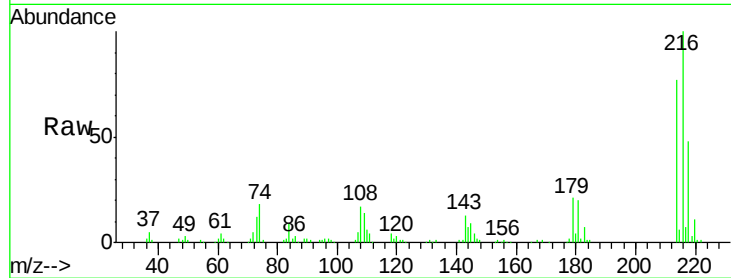
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 185.18 ng/uL
 RT: 13.48 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BG021576.D
 Acq: 30 Mar 2016 11:34

Instrument :
 BNA_G
 ClientSampleId :
 C0AD2

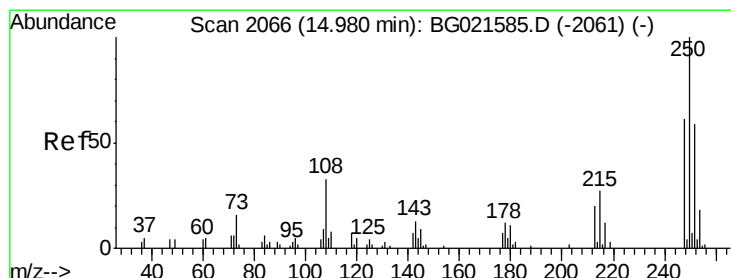
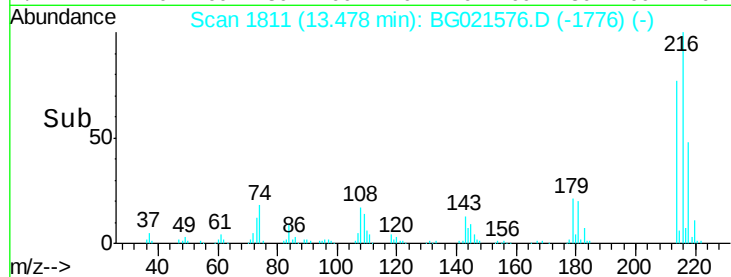
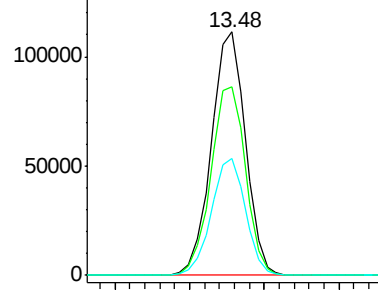
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	175498		
214	77.2	69.2	103.8	
218	48.1	41.4	62.0	

Manual Integrations
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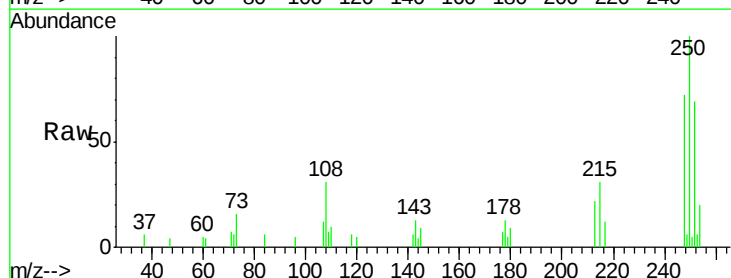


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 5.87 ng/uL
 RT: 14.98 min Scan# 2067
 Delta R.T. 0.00 min
 Lab File: BG021576.D
 Acq: 30 Mar 2016 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	5773		
248	68.7	53.3	79.9	
252	71.3	51.1	76.7	



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

